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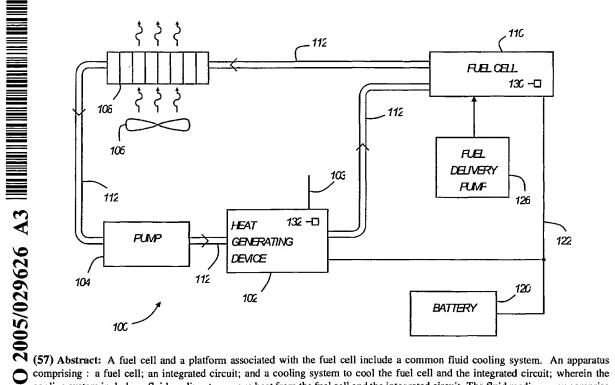
- (74) Agents: LEMOINE, Dana, B. et al.; Lemoine Patent Services, PLLC, c/o Portfolio IP, P.O. Box 52050, Minneapolis, MN 55402 (US).
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(54) Title: INTEGRATED PLATFORM AND FUEL CELL COOLING

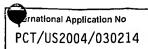


comprising: a fuel cell; an integrated circuit; and a cooling system to cool the fuel cell and the integrated circuit; wherein the cooling system includes a fluid medium to remove heat from the fuel cell and the integrated circuit. The fluid medium may comprise a liquid metal.

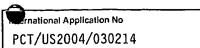
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- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



A. CLASSI	H01M8/04	H01M16/00	C09K5/12	H01M4/86	H01M8/02
According to	o International Patent CI	assification (IPC) or to bot	h national classificat	tion and IPC	
B. FIELDS	SEARCHED				
Minimum do	ocumentation searched H01M C09K	(classification system folio	wed by classification	n symbols)	
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Electronic d	ata base consulted durir	ng the international search	n (name of data base	e and, where practical, searc	n terms used)
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Category °	Citation of document,	with indication, where app	propriate, of the relev	vant passages	Relevant to claim No.
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		in the continuation of box	С.	χ Patent family membe	rs are listed in annex.
° Special ca	tegories of cited docume	ents:	-	T" later document published	after the international filing date
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Date of the	actual completion of the	International search	_	Date of mailing of the inter	rnational search report 0 3, 03, 2006
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l	US 6 175 495 B1 (BATCHELDER JOHN SAMUEL) 16 January 2001 (2001-01-16) column 11, line 8 - line 28	1-12, 20-34
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International application No. PCT/US2004/030214

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)	
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:	
1. Claims-Nos.: Cl	
2: Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:	
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third scntences of Rule 6.4(a).	
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)	
This International Searching Authority found multiple inventions in this International application, as follows:	
see additional sheet	
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.	
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.	
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:	
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:	
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.	

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

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1. claims: 1-12 and 20-34

An apparatus comprising:
a fuel cell;
an integrated circuit; and
a_cooling system to cool the fuel cell_and the integrated
circuit;
wherein the cooling system includes a fluid medium to remove
heat from the fuel cell and the integrated circuit.

2. claims: 13-19

An apparatus comprising:
a fuel cell having an electrode with passageways through
which a fluid cooling medium can pass; and
a fluid path adapted to be coupled to the passageways and to
a heat generating device other than the fuel cell.

Information on patent family members

PCT/US2004/030214

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